

Fresh and Frozen Seafood Processing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
311712, Fresh and frozen seafood processing.....	2002..	531	606	36 158	923 331	30 207	55 871	622 165	2 898 269	4 692 454	7 567 033	249 532
	2001..	N	N	36 314	866 853	30 308	59 123	566 019	2 973 017	4 697 666	7 669 499	203 001
	2000..	N	N	37 116	858 778	30 651	56 750	567 168	2 641 597	4 891 479	7 512 420	149 626
	1999..	N	N	35 839	797 017	29 401	56 447	531 158	2 332 398	4 522 387	6 857 769	173 827
	1998..	N	N	36 647	772 820	30 783	54 689	543 445	2 641 602	4 176 924	6 812 803	121 104
	1997..	586	673	35 392	764 480	29 230	55 586	531 925	2 181 444	3 879 088	6 057 092	153 611

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311712, Fresh and frozen seafood processing												
United States	3	606	295	36 158	923 331	30 207	55 871	622 165	2 898 269	4 692 454	7 567 033	249 532
Alabama	1	23	14	2 187	38 597	1 755	3 186	24 722	102 275	144 778	247 034	13 740
Alaska	5	84	47	5 939	156 550	5 342	10 944	122 919	444 571	650 093	1 094 594	37 801
California	2	43	23	2 590	67 260	2 222	4 361	47 393	174 909	302 085	477 303	9 195
Florida	1	29	14	2 270	63 424	1 805	3 867	36 565	229 666	530 779	760 465	7 004
Louisiana	4	46	15	1 499	42 422	1 175	2 160	23 866	110 146	226 365	336 335	10 286
Maine	2	24	4	353	9 545	284	526	6 066	23 606	43 593	67 198	1 764
Massachusetts	4	42	23	3 095	107 201	2 266	4 478	53 809	360 161	566 324	932 695	25 992
New Jersey	-	10	3	350	7 630	306	384	4 348	12 486	38 333	50 819	347
Texas	2	29	12	1 358	25 960	1 050	1 598	16 031	69 547	114 524	184 225	5 432
Virginia	4	35	12	1 110	29 033	921	1 614	17 507	81 782	163 927	245 919	7 369
Washington	2	76	52	6 669	167 878	5 850	10 012	133 144	568 984	617 489	1 157 317	83 879

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
311712, Fresh and frozen seafood processing	
Companies ¹	number.. 531
All establishments ²	number.. 606
Establishments with 1 to 19 employees	number.. 311
Establishments with 20 to 99 employees	number.. 193
Establishments with 100 employees or more	number.. 102
All employees ³	number.. 36 158
Total compensation	\$1,000.. 1 085 840
Annual payroll	\$1,000.. 923 331
Total fringe benefits	\$1,000.. 162 509
Production workers, average for year	number.. 30 207
Production workers on March 12	number.. 30 285
Production workers on May 12	number.. 29 613
Production workers on August 12	number.. 32 734
Production workers on November 12	number.. 28 168
Production worker hours	1,000.. 55 871
Production worker wages	\$1,000.. 622 165
Total cost of materials	\$1,000.. 4 692 454
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 965 319
Resales	\$1,000.. 594 221
Purchased fuels	\$1,000.. 46 855
Purchased electricity	\$1,000.. 56 668
Contract work	\$1,000.. 29 391
Quantity of electricity purchased for heat and power	1,000 kWh.. 901 320
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 36 413
Total value of shipments	\$1,000.. 7 567 033
Primary products value of shipments	\$1,000.. 6 643 878
Secondary products value of shipments	\$1,000.. 239 064
Total miscellaneous receipts	\$1,000.. 684 091
Value of resales	\$1,000.. 621 730
Contract receipts	\$1,000.. 51 026
Other miscellaneous receipts	\$1,000.. 11 335
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 6 938 496
Value of primary products shipments made in this industry	\$1,000.. 6 643 878
Value of primary products shipments made in other industries	\$1,000.. 294 618
Coverage ratio	percent.. 96
Value added	\$1,000.. 2 898 269
Total inventories, beginning of year	\$1,000.. 844 336
Finished goods inventories	\$1,000.. 595 139
Work-in-process inventories	\$1,000.. 27 090
Materials and supplies inventories	\$1,000.. 222 107
Total inventories, end of year	\$1,000.. 971 077
Finished goods inventories	\$1,000.. 702 458
Work-in-process inventories	\$1,000.. 50 780
Materials and supplies inventories	\$1,000.. 217 839
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 810 852
Total capital expenditures (new and used)	\$1,000.. 249 532
Buildings and other structures (new and used)	\$1,000.. 45 462
Machinery and equipment (new and used)	\$1,000.. 204 070
Automobiles, trucks, etc., for highway use	\$1,000.. 11 895
Computers and peripheral data processing equipment	\$1,000.. 13 549
All other expenditures for machinery and equipment	\$1,000.. 178 626
Total retirements	\$1,000.. 141 481
Gross value of depreciable assets at end of year	\$1,000.. 2 918 903
Depreciation charges during year	\$1,000.. 178 998
Total rental payments	\$1,000.. 69 370
Buildings and other structures	\$1,000.. 37 826
Machinery and equipment	\$1,000.. 31 544
Total other expenses ⁴	\$1,000.. 423 966
Response coverage ratio ⁵	percent.. 67
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 74 553
Communications services ⁴	\$1,000.. 6 603
Legal services ⁴	\$1,000.. 5 406
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 708
Advertising and promotional services ⁴	\$1,000.. 28 195
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 3 078
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 9 144
Management consulting and administrative services ⁴	\$1,000.. 17 261
Taxes and license fees ⁴	\$1,000.. 12 606
All other expenses ⁴	\$1,000.. 264 411

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
311712, Fresh and frozen seafood processing											
All establishments	3	606	36 158	923 331	30 207	55 871	622 165	2 898 269	4 692 454	7 567 033	249 532
Establishments with—											
1 to 4 employees	9	172	362	10 009	311	547	6 761	23 209	44 510	67 728	2 478
5 to 9 employees	7	72	459	12 651	384	712	8 715	32 354	71 088	103 464	3 238
10 to 19 employees	4	67	951	23 847	774	1 367	15 238	63 820	111 082	174 995	6 518
20 to 49 employees	4	113	3 803	91 424	3 243	5 622	63 186	373 942	521 587	866 480	19 022
50 to 99 employees	2	80	5 640	148 209	4 535	8 564	95 311	435 624	765 770	1 199 128	26 108
100 to 249 employees	3	69	10 646	265 813	8 981	16 056	182 361	828 539	1 159 863	1 988 371	57 567
250 to 499 employees	4	26	9 519	273 844	7 839	15 505	176 824	766 058	1 455 965	2 229 715	104 839
500 to 999 employees	1	7	4 778	97 534	4 140	7 498	73 769	374 723	562 589	937 152	29 762
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	195	733	19 904	651	1 201	14 386	47 182	95 560	142 735	5 589

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
311712	Fresh and frozen seafood processing .	606	36 158	923 331	30 207	55 871	622 165	2 898 269	4 692 454	7 567 033	249 532
3117121	Prepared fresh fish and other fresh seafood	100	7 033	153 650	5 996	10 625	110 430	459 616	719 444	1 178 767	34 524
3117122	Prepared frozen fish	82	12 475	343 933	10 372	19 862	232 246	1 278 744	1 719 368	2 974 820	125 150
3117123	Prepared frozen shellfish	55	7 213	186 198	5 770	10 686	115 588	563 680	1 293 840	1 857 708	32 664
3117124	Other prepared frozen seafoods	24	3 879	106 824	3 262	5 733	69 805	281 683	385 749	667 268	28 198

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311712	Fresh and frozen seafood processing	2002.. N 1997.. N	X X	X X	6 938 496 5 518 382
3117121	Prepared fresh fish and other fresh seafood	2002.. N 1997.. N	X X	X X	1 281 251 953 350
31171211	Prepared fresh fish and other fresh seafood, surimi, and surimi based products	2002.. N 1997.. N	X X	X X	1 204 019 866 369
3117121111	Prepared fresh fish, ground fish (cod, cusk, haddock, etc.), fillets and steaks	2002.. 19 1997.. 17	X X	S P28.3	120 731 47 855
3117121121	Prepared fresh fish, ground fish (cod, cusk, haddock, etc.), other	2002.. 8 1997.. 11	X X	S P11.6	19 520 22 275
3117121131	Prepared fresh fish, flounder, halibut, and sole, fillets and steaks	2002.. 12 1997.. 12	X X	S P8.6	61 517 23 171
3117121141	Prepared fresh fish, flounder, halibut, and sole, other	2002.. 13 1997.. 14	X X	P8.2 7.3	22 709 20 563
3117121151	Prepared fresh fish, Alaska pollock, fillets and steaks	2002.. 1 1997.. 2	X X	D 4	D 614
3117121161	Prepared fresh fish, Alaska pollock, other	2002.. 1 1997.. 1	X X	D D	D —
3117121171	Prepared fresh fish, catfish, fillets and steaks	2002.. 12 1997.. 11	X X	P73.7 78.8	163 171 142 804
3117121181	Prepared fresh fish, catfish, other	2002.. 9 1997.. 5	X X	S 13.3	90 992 22 112
3117121191	Prepared fresh fish, other fish, fillets and steaks	2002.. 13 1997.. 14	X X	S 20.2	54 825 70 996
31171211A1	Prepared fresh fish, other fish, other	2002.. 22 1997.. 21	X X	S S	86 426 55 571
31171211B1	Prepared fresh blue crab meat	2002.. 18 1997.. 28	X X	X X	32 966 49 907
31171211C1	Prepared fresh rock crab meat	2002.. 2 1997.. 1	X X	X D	D D
31171211D1	Prepared fresh snow crab meat	2002.. 1 1997.. 1	X X	X X	D D
31171211E1	Other prepared fresh crab meat	2002.. 6 1997.. 7	X X	X X	39 323 13 216
31171211F1	Prepared fresh shrimp	2002.. 7 1997.. 18	X X	S S	26 157 36 470
31171211G1	Prepared fresh oysters	2002.. 21 1997.. 30	X X	X X	83 877 90 957
31171211H1	Prepared fresh clams	2002.. 12 1997.. 9	X X	P35.1 P27.3	53 860 44 502
31171211J1	Other prepared fresh shellfish (except surimi and surimi-based products)	2002.. 16 1997.. 15	X X	S 11.6	91 802 47 346
31171211K1	Prepared fresh surimi, except surimi-based products	2002.. 1 1997.. 4	X X	D D	D D
31171211L1	Prepared fresh surimi-based products	2002.. 6 1997.. 3	X X	P38.3 D	39 934 D
31171211M1	Other prepared fresh seafood (roe, squid, etc.)	2002.. 17 1997.. 33	X X	X X	112 490 92 301
3117121Y	Prepared fresh fish and other fresh seafood, nsk	2002.. N 1997.. N	X X	X X	77 232 86 981
3117121YV	Prepared fresh fish and other fresh seafood, nsk	2002.. N 1997.. N	X X	X X	77 232 86 981
3117122	Prepared frozen fish	2002.. N 1997.. N	X X	X X	2 482 557 1 807 733
31171221	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, breaded or battered	2002.. N 1997.. N	X X	X X	270 996 54 786
3117122111	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, breaded or battered	2002.. 14 1997.. 8	X X	S 31.9	270 996 54 786
31171222	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, plain	2002.. N 1997.. N	X X	X X	179 946 90 392
3117122221	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, plain	2002.. 17 1997.. 18	X X	S 46.9	179 946 90 392
31171223	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, breaded or battered	2002.. N 1997.. N	X X	X X	79 820 266 134
3117122331	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, breaded or battered	2002.. 5 1997.. 8	X X	57.4 171.0	79 820 266 134
31171224	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, plain	2002.. N 1997.. N	X X	X X	D D
3117122441	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, plain	2002.. 1 1997.. 3	X X	D D	D D
31171225	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), other forms	2002.. N 1997.. N	X X	X X	45 232 143 359
3117122551	Prepared frozen groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), other forms	2002.. 16 1997.. 25	X X	P22.0 70.4	45 232 143 359
31171226	Prepared frozen flounder, halibut, and sole, fillets, steaks, and other forms	2002.. N 1997.. N	X X	X X	102 433 142 975
3117122661	Prepared frozen flounder, halibut, and sole, fillets and steaks	2002.. 22 1997.. 17	X X	S P12.6	45 018 31 932
3117122671	Prepared frozen flounder, halibut, and sole, other forms	2002.. 23 1997.. 29	X X	P17.1 42.6	57 415 111 043

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311712	Fresh and frozen seafood processing—Con.				
3117122	Prepared frozen fish—Con.				
31171227	Prepared frozen fish, Alaska pollock, fillets and steaks, breaded or battered	2002.. N	X	X	255 744
	1997.. N		X	X	275 337
3117122771	Prepared frozen fish, Alaska pollock, fillets and steaks, breaded or battered	2002.. 7	X	S	255 744
	1997.. 8		X	212.4	275 337
31171228	Prepared frozen fish, Alaska pollock, fillets and steaks, plain, and other forms	2002.. N	X	X	236 551
	1997.. N		X	X	180 669
3117122881	Prepared frozen fish, Alaska pollock, fillets and steaks, plain	2002.. 9	X	103.1	105 416
	1997.. 12		X	28.4	45 276
3117122891	Prepared frozen fish, Alaska pollock, other forms	2002.. 13	X	66.4	131 135
	1997.. 13		X	72.0	135 393
31171229	Prepared frozen fish, catfish, fillets and steaks, breaded or battered	2002.. N	X	X	D
	1997.. N		X	X	D
3117122991	Prepared frozen fish, catfish, fillets and steaks, breaded or battered	2002.. 7	X	D	D
	1997.. 5		X	D	D
3117122A	Prepared frozen fish, catfish, fillets and steaks, plain or seasoned, and other forms	2002.. N	X	X	156 290
	1997.. N		X	X	130 761
3117122AA1	Prepared frozen fish, catfish, fillets and steaks, plain or seasoned	2002.. 10	X	52.5	123 216
	1997.. 6		X	54.4	122 698
3117122AB1	Prepared frozen fish, catfish, other forms	2002.. 12	X	S	33 074
	1997.. 3		X	4.8	8 063
3117122B	All other prepared frozen fish, fillets and steaks, breaded or battered	2002.. N	X	X	16 387
	1997.. N		X	X	18 749
3117122BC1	All other prepared frozen fish, fillets and steaks, breaded or battered	2002.. 6	X	S	16 387
	1997.. 7		X	9.5	18 749
3117122C	All other prepared frozen fish, fillets and steaks, plain, and other forms	2002.. N	X	X	383 992
	1997.. N		X	X	338 010
3117122CD1	All other prepared frozen fish, fillets and steaks, plain	2002.. 22	X	S	102 099
	1997.. 16		X	62.5	110 180
3117122CE1	All other prepared frozen fish, other forms	2002.. 36	X	S	281 893
	1997.. 43		X	157.4	227 830
3117122Y	Prepared frozen fish, nsk	2002.. N	X	X	536 807
	1997.. N		X	X	75 974
3117122YVW	Prepared frozen fish, nsk	2002.. N	X	X	536 807
	1997.. N		X	X	75 974
3117123	Prepared frozen shellfish	2002.. N	X	X	1 681 911
	1997.. N		X	X	1 461 943
31171231	Prepared frozen shrimp (raw, cooked, and breaded)	2002.. N	X	X	1 075 935
	1997.. N		X	X	861 808
3117123111	Prepared frozen headless shrimp, raw	2002.. 22	X	S	183 452
	1997.. 24		X	34.0	148 493
3117123121	Prepared frozen peeled shrimp, raw	2002.. 18	X	S	203 392
	1997.. 26		X	P40.2	158 988
3117123131	Prepared frozen peeled shrimp, cooked	2002.. 18	X	S	247 558
	1997.. 17		X	42.8	211 671
3117123141	Prepared frozen shrimp, breaded	2002.. 12	X	113.4	441 533
	1997.. 14		X	107.4	342 656
31171232	Prepared frozen shellfish (lobster, crab, other shrimp products)	2002.. N	X	X	452 132
	1997.. N		X	X	510 974
3117123251	Other 100 percent prepared frozen shrimp products	2002.. 7	X	X	15 196
	1997.. 9		X	X	28 065
3117123261	Prepared frozen lobster tails	2002.. 5	X	X	15 184
	1997.. 5		X	X	17 461
3117123271	Prepared frozen blue crab meat	2002.. 13	X	X	18 436
	1997.. 12		X	X	16 935
3117123281	Prepared frozen rock crab meat	2002.. 1	X	X	D
	1997.. 1		X	X	D
3117123291	Prepared frozen snow crab meat	2002.. 7	X	X	26 424
	1997.. 4		X	X	34 384
31171232A1	Prepared frozen dungeness crab meat	2002.. 6	X	X	10 773
	1997.. 8		X	X	22 018
31171232B1	Prepared frozen king crab meat, cooked	2002.. 3	X	D	D
	1997.. 4		X	D	D
31171232C1	Prepared frozen king crab sections	2002.. 11	X	21.7	110 882
	1997.. 9		X	37.0	127 923
31171232D1	Other prepared frozen crabs and parts of crabs	2002.. 13	X	S	108 835
	1997.. 13		X	31.5	92 060
31171232E1	Other prepared frozen shellfish (including oysters, clams, and parts of lobsters except tails)	2002.. 24	X	X	135 719
	1997.. 23		X	X	163 020
3117123Y	Prepared frozen shellfish, nsk	2002.. N	X	X	153 844
	1997.. N		X	X	89 161
3117123YVW	Prepared frozen shellfish, nsk	2002.. N	X	X	153 844
	1997.. N		X	X	89 161
3117124	Other prepared frozen seafoods	2002.. N	X	X	852 426
	1997.. N		X	X	657 271
31171241	Prepared frozen surimi and other prepared frozen seafoods	2002.. N	X	X	588 185
	1997.. N		X	X	498 499
3117124111	Prepared frozen surimi, except surimi-based products	2002.. 14	X	S	234 790
	1997.. 12		X	203.4	218 811
3117124121	Prepared frozen surimi-based products	2002.. 11	X	S	158 086
	1997.. 11		X	103.0	137 093
3117124131	Other prepared frozen seafoods (soups, stews, chowders, pies, fishcakes, crabcakes, shrimpcakes, etc.), except surimi	2002.. 29	X	S	195 309
	1997.. 31		X	P74.3	142 595

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311712	Fresh and frozen seafood processing—Con.				
3117124	Other prepared frozen seafoods—Con.				
31171242	Fresh or frozen fish and marine animal oil, scrap, and meal	2002.. N	X	X	D
		1997.. N	X	X	D
3117124211	Fish and marine animal oil, fresh or frozen ¹	2002.. 6	X	D	D
		1997.. 2	X	D	D
3117124221	Fish scrap and meal, fresh or frozen	2002.. 17	X	S	187 588
		1997.. 13	X	255.8	112 907
3117124231	Other fish and marine animal oil products, fresh or frozen	2002.. 2	X	D	D
		1997.. 2	X	D	D
31171243	Foots, marine oil (fish, etc.)	2002.. N	X	X	D
		1997.. N	X	X	—
3117124311	Foots, marine oil (fish, etc.)	2002.. 1	X	X	D
		1997.. —	X	X	—
3117124Y	Other prepared frozen seafoods, nsk	2002.. N	X	X	37 285
		1997.. N	X	X	1 834
3117124YWV	Other prepared frozen seafoods, nsk	2002.. N	X	X	37 285
		1997.. N	X	X	1 834
311712W	Fresh and frozen seafood processing, nsk, total	2002.. N	X	X	640 351
		1997.. N	X	X	638 085
311712WY	Fresh and frozen seafood processing, nsk, total	2002.. N	X	X	640 351
		1997.. N	X	X	638 085
311712WYWW	Fresh and frozen seafood processing, nsk, for nonadministrative-record establishments	2002.. N	X	X	500 756
		1997.. N	X	X	402 434
311712WYWY	Fresh and frozen seafood processing, nsk, for administrative-record establishments	2002.. N	X	X	139 595
		1997.. N	X	X	235 651

¹For additional detail, see Current Industrial Report M311K, Fats and Oils: Production, Consumption, and Stocks.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3117121	Prepared fresh fish and other fresh seafood	
	United States	2002 .. 1 281 251
		1997 .. 953 350
	Alabama	2002 .. 26 031
		1997 .. 14 453
	Alaska	2002 .. 68 410
		1997 .. 109 330
	California	2002 .. 105 691
		1997 .. 60 736
	Florida	2002 .. 16 717
		1997 .. 48 842
	Maine	2002 .. 21 538
		1997 .. 22 378
	Massachusetts	2002 .. 174 135
		1997 .. 71 974
	New Jersey	2002 .. 44 238
		1997 .. N
	Texas	2002 .. 12 531
		1997 .. 15 573
	Virginia	2002 .. 33 518
		1997 .. 34 589
	Washington	2002 .. 233 448
		1997 .. 146 061
3117122	Prepared frozen fish	
	United States	2002 .. 2 482 557
		1997 .. 1 807 733
	Alaska	2002 .. 439 109
		1997 .. 426 781
	California	2002 .. 118 993
		1997 .. 85 697
	Florida	2002 .. 23 746
		1997 .. 8 258
	Massachusetts	2002 .. 423 896
		1997 .. 426 531
	Washington	2002 .. 531 959
		1997 .. 291 537
3117123	Prepared frozen shellfish	
	United States	2002 .. 1 681 911
		1997 .. 1 461 943
	Alabama	2002 .. 18 394
		1997 .. 40 595
	Alaska	2002 .. 194 106
		1997 .. 140 518
	California	2002 .. 165 860
		1997 .. 197 948
	Florida	2002 .. 564 429
		1997 .. 314 293
	Louisiana	2002 .. 110 757
		1997 .. 99 910
	Maine	2002 .. 25 027
		1997 .. 3 130
	Massachusetts	2002 .. 166 459
		1997 .. 52 503
	Virginia	2002 .. 53 870
		1997 .. N
	Washington	2002 .. 118 051
		1997 .. 160 532
3117124	Other prepared frozen seafoods	
	United States	2002 .. 852 426
		1997 .. 657 271
	Alaska	2002 .. 191 122
		1997 .. 158 700
	California	2002 .. 30 394
		1997 .. 18 340
	Massachusetts	2002 .. 4 043
		1997 .. N
	Washington	2002 .. 185 108
		1997 .. 162 113

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
311712	Fresh and frozen seafood processing		
00900001	Total materials .....2002..	X	3 965 319
	.....1997..	X	3 392 528
11411101	Alaska pollack .....1,000 s tons..2002..	^q 417.2	103 231
	.....1997..	176.8	257 849
11411103	Tuna.....1,000 s tons..2002..	^p 5.0	11 501
	.....1997..	9.0	33 395
11411105	Salmon .....1,000 s tons..2002..	80.4	120 508
	.....1997..	^p 135.2	256 797
11411107	Sardines .....1,000 s tons..2002..	D	D
	.....1997..	D	D
11411109	Ground fish (cod, cusk, haddock, hake, Atlantic Ocean perch, Atlantic pollock, and whiting) .....1,000 s tons..2002..	^q 98.7	232 849
	.....1997..	^p 220.7	238 225
11411111	Flounder .....2002..	X	21 218
	.....1997..	X	22 883
11411113	Other fin fish .....2002..	X	148 205
	.....1997..	X	339 837
11411201	Shrimp .....2002..	X	494 957
	.....1997..	X	586 306
11411203	Crabs .....2002..	X	108 226
	.....1997..	X	207 482
11411205	Oysters .....2002..	X	35 041
	.....1997..	X	27 849
11411207	Clams.....2002..	X	55 733
	.....1997..	X	46 618
11411209	Other shellfish .....2002..	X	95 633
	.....1997..	X	58 749
31171201	Surimi.....1,000 s tons..2002..	^p 40.1	70 945
	.....1997..	^q 34.9	80 114
31171203	Frozen fish blocks .....1,000 s tons..2002..	^p 56.4	128 659
	.....1997..	^p 81.3	163 409
31100019	Fats and oils, all types, purchased mil lb..2002..	D	D
	.....1997..	D	D
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	83 935
	.....1997..	X	101 167
001900A1	Packaging paper and plastics film, coated and laminated .....2002..	X	31 937
	.....1997..	X	36 834
33243101	Metal cans, lids, and ends .....2002..	X	14 242
	.....1997..	X	12 654
32610029	Plastics containers.....2002..	X	9 729
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	328 240
	.....1997..	X	320 607
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	1 857 193
	.....1997..	X	579 944

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.